



## REQUEST FOR EXTENSION OF TIME

An Extension of Time and the appropriate fee are filed herewith to extend the response period from March 19, 2001 to June 19, 2001.

### IN THE SPECIFICATION

A substitute Specification is submitted along with this Response. A redlined version of the Specification is attached to this response as Appendix A.

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### IN THE CLAIMS

Please amend the claims as indicated below. A redlined version of the amended paragraphs is attached to this response as Appendix B.

Sub B. An apparatus for dynamically controlling transmission power from a central  
2 CDMA communications station, comprising:  
receiver means for receiving a signal from a remote station; and  
4 transmitter means for adjusting a transmission power for the received signal to  
an acceptable level following a transmission power increase, wherein the acceptable  
6 level is determined by a method comprising the steps of:  
determining the cause of the transmission power increase, wherein the  
8 cause of the transmission power increase is a random fade condition or a  
continuing fade condition;  
10 if the cause of the transmission power increase is a random fade  
condition, then reducing the transmission power at a first predetermined rate for  
12 a first predetermined time period in response to the transmission power increase;  
if the transmission power is still at an unacceptable level after the  
14 step of reducing the transmission power at a first predetermined rate for a  
first predetermined time period, then continuing to reduce the transmission  
16 power at a second predetermined rate for at least one other

predetermined time period following the first predetermined time period;  
and

if the cause of the transmission power increase is a continuing fade  
condition, then maintaining the transmission power.

8. An apparatus for controlling transmission power of variable rate frames of data,  
comprising:

control processor means for providing a transmit power signal;

variable gain transmitter means for receiving the transmit power signal and a  
frame rate signal, and for amplifying the variable rate frames in accordance with the  
transmit power signal and the frame rate signal; and

variable rate data source means for providing the variable rate data frames and  
the frame rate signal.

Please cancel claims 12 – 14 without prejudice.

Please add the following claims:

15. A method for controlling transmission energy of a communication station,  
comprising:

determining a characteristic of a propagation path between said communication  
station and a second communication station;

selecting a power control step size in accordance with said characteristic of the  
propagation path;

receiving closed loop power control commands at said communication station;

and

adjusting said transmission energy of said communication station in accordance  
with said closed loop power control commands and said power control step size.

16. The method of claim 15 wherein said power control step size is determined in  
accordance with the relative velocity between said communication station and said  
second communication station.



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17. The method of claim 15 wherein said power control step size is determined in accordance with detection of frame errors on a forward link.
18. The method of claim 15 wherein said power control step size is determined in accordance with detection of low forward link received power.
19. The method of claim 15 wherein said power control step size is determined in accordance with the distance between said communication station and said second communication system.
20. The method of claim 15 wherein said power control step size is determined in accordance with a determination that said second communication station is adversely located.
21. The method of claim 15 wherein said power control step size is determined in accordance with a determination that a received forward link pilot strength is low.
22. The method of claim 15 wherein said power control commands are one-bit commands requesting the communication station to increase or decrease transmission energy of the communication station.

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